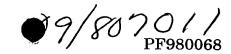
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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
 Name of conveying party(ies): Philippe Letellier, Eric Diehl, Pierre Houeix, Ralf Schaefer 	2. Name and address of receiving party(ies): Name: THOMSON multimedia Internal Address:		
Additional name(s) of X No conveying party(ies) attached: 3. Nature of conveyance:	Street Address:: 46 quai Alphonse Le Gallo F-92100 Boulogne Billancourt, France		
X Assignment Merger Security Agreement Change of Name Other			
Execution Date: April 23, 2001, April 19, 2001, April 19, 2001 and April 20, 2001 respectively	Additional name(s) & address(es) attached? X No		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:			
A. Patent Application No.(s):	B. Patent No.(s)		
09/807,011 - filed April 6, 2001			
PCT/FR99/02426 - filed October 8, 1999			
Additional numbers attached?	X No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: JOSEPH S. TRIPOLI	6. Total number of applications and patents involved:1		
1nternal Address: THOMSON multimedia Licensing Inc. PATENT OPERATIONS	7. Total Fee (37 CFR 3.41): \$40.00 Enclosed X Authorized to be charged to deposit account		
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Guy H. Eriksen 6/29/2001			
Name of Person Signing Signature	Reg.No.41,736 Date		
	of pages including cover sheet, attachments, and document		
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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Philippe Letellier, 4 rue des Melliers, F-35760 Saint Grégoire, France ; Eric Diehl, La Buzardière, F-35340 Liffré, France ; Pierre Houeix, 42 square de la Fosse aux Moines, F-35510 Cesson-Sévigné, France ; Ralf Schaefer, 5 rue du Martin Pêcheur, F-35690 Acigné, France ; referred to as the assignor, have invented a certain improvement relating to

" APPLICATIONS MANAGER WITH VARIABLE MANAGEMENT INSTRUCTION SET "

for which said assignor has caused an application for United States Letters Patent to be prepared,

- the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
- (XX) said application having been filed in the United States Patent and Trademark Office on April 6, 2001 Serial Number 09/807011

AND WHEREAS

THOMSON multimedia 46 Quai A. Le Gallo F-92100 Boulogne Billancourt France

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

	EXECUTED, this 33 day of April	, 2001.	
	WITNESSES:	ASSIGNOR:	
	Signature:	Signature:	
	Name: de Beauchesne Sandra Address: La opercerais N°2 35220 Châkaubourg	Name: Philippe Letellier	
	Signature:		
	Name: PiqUET laurence Address: les Berbayne 35495 reus de Brebegne		
	EXECUTED, this 19th day of April , 2001.		
	WITNESSES:	ASSIGNOR:	
	Signature:	Signature:	
	Name: Jean Romane Vigourouse Address: 12 rue Jean Gnéhenno 35700 Rennes	Name: Eric Diehl	
	Signature: Name: Address: 39, St. du grand plach 35,700 Pennes		
	EXECUTED, this 1911 day of App	<u>. </u>	
	WITNESSES:	ASSIGNOR:	
	Signature:	Signature:	
F.	Name: MISCHER Denis Address: 85 ter Due Nationale 35235 THORIGHE-FOULLARD	Name: Pierre Houeix	
	Signature: Winter. Name: Jino Noyen Address: q en en Beau Villen		

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EXECUTED, this 20 th day of April	<u>/, 2001.</u>
WITNESSES:	ASSIGNOR:
Signature:	Signature:
Name: ORHAND Anita Address: 17 sq Alain Fergent 35000 Rennes	Name: Ralf Schaefer
Signature:	

Name: Joseph Pierrich Address: 27 Bottal De Lothre De Perssigney 37000 Rennen